

Please type a plus sign (+) in this box ☒Approved for use through 10/31/2002. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Full Rule for form 1449A/PTO

Complete if Known

Application Number	10/630,277
Filing Date	07/30/2003
First Named Inventor	Maki et al.
Group Art Unit	1773
Examiner Name	Unknown
Attorney Docket Number	10-9408

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Date of Publications of Cited Documents MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number			
MOV	A1	5,757,459	05/26/1998	Bhalakia et al.	Col. 7, line 24-26; Figs. 3-4

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Date of Publications of Cited Documents MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
MOV	B1	EP	1 273 935 A1		04/06/2001	Mitsubishi Gas Chemical Company, Inc.	Para. [0013]; claim 1	
	B2	EP	1 162 482 A2		06/07/2001	Mitsubishi Gas Chemical Company Inc.	Para. [0027], [0065]	
	B3	WO	03/078148 A1		09/25/2003	BMC Industries, Inc.	Para. [0020], [0063]; claims 1-5	
	B4	WO	01/49478 (A2-A3)		07/12/2001	Bayer Corporation	Pg. 3, line 25 - pg. 4, line 2; pg. 8, line 15-22; pg. 10, para. 2; claims 1,6	
	B5	WO	98/37115		02/10/1998	PPG Industries, Inc.	Claims 1, 17, 20, 21, 26	
	B6	WO	96/34735		05/06/1996	Innotech, Inc.	Pg. 9, last line - pg. 12, line 3; pg. 17, last para.; fig. 4	
MOV	B7	WO	95/15845		12/01/1994	Innotech, Inc. et al.	Claim 1; Figs. 1,5	

Examiner Signature	<i>M. Vargat</i>	Date Considered	2/16/06
-----------------------	------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
10-9408

SERIAL NO.

10/630,277

APPLICANT

Maki, et al.

FILING DATE  
July 30, 2003

GROUP

1732

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MDV	6,150,430	11/21/00	Walters, et al.			07/06/99
A	6,328,446	12/11/01	Bhalakia et al.			11/22/99
	4,889,413	12/26/89	Ormsby, et al.			05/19/88
	5,658,502	08/19/97	Hughes			10/30/95
	5,702,645	12/30/97	Hughes			10/30/95
	5,840,926	11/24/98	Hughes			07/17/97
	6,096,246	08/01/00	Chan, et al.			07/25/96
	6,113,812	09/05/00	Hughes			08/04/97
	6,296,785	10/02/01	Nelson, et al.			08/06/00
	6,328,446	12/11/01	Bhalakia, et al.			10/22/99
MDV	5,286,419	02/15/94	van Ligten, et al.			02/20/92

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY / NAME	CLASS	SUBCLASS	TRANSLATION
MDV	3-269507	1991-12-02	Japan			YES
	61-276882	1988-12-06	Japan			YES
	63-178193	1988-07-22	Japan			YES
	4-358145	1992-12-11	Japan			YES
	9-001716	1997-01-07	Japan			YES
MDV	2002-196103	2002-07-10	Japan			YES
	2002-0107484	2002-12-26	Japan			YES
MDV	WO 02/093235	2002-11-21	PCT			YES

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

M. Vargot

DATE CONSIDERED

2/16/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.